



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, ILLINOIS 60604**

DATE: APR 10 2018

SUBJECT: CLEAN AIR ACT INSPECTION REPORT
DuPont Nutrition & Health, Gibson City, Illinois

FROM: Muhammed Shuaibi, Environmental Engineer
AECAB (IL/IN)

THRU: Nathan Frank, Section Chief
AECAB (IL/IN)

TO: File

BASIC INFORMATION

Facility Name: DuPont Nutrition & Health

Facility Location: 124 South Route 47, Gibson City, Illinois

Date of Inspection: March 26, 2018

EPA Inspector(s):

1. Muhammed Shuaibi, Environmental Engineer
2. Cody Yarbrough, Environmental Engineer

Other Attendees

1. Paul Hosack, Plant Manager, DuPont Nutrition & Health
2. Jeff Anderlik, Safety, Healthy, and Environmental Manager, DuPont Nutrition & Health
3. Rob Kollross, Operations Manager, DuPont Nutrition & Health

Purpose of Inspection: To ensure DuPont is in compliance with its Title V Permit.

Facility Type: Soybean products manufacturer

Arrival Time: 10:40 AM

Departure Time: 11:50 AM

Inspection Type:

- ☒ Unannounced Inspection

Facility Name: DuPont Nutrition & Health

Facility Location: 124 South Route 47, Gibson City, Illinois

Date of Inspection: March 26, 2018

☐ Announced Inspection

OPENING CONFERENCE

☒ Credentials Presented

☒ CBI warning to facility provided

The following information was obtained verbally from facility personnel unless otherwise noted.

Process Description:

DuPont processes soybeans into soybean oil, soybean meal, and various other products. Soybeans arriving at the facility are dried and stored in silos to be sent to milling. In milling, soybeans are physically cracked, separating the hulls from the rest of the bean. Hulls are ground, collected, and sold. Soybean remains are further processed into a flake to be sent to extraction. In extraction, flakes are washed with hexane, which absorbs soybean oils. Soybean oil is separated from the hexane in a separation unit before proceeding to shipment. Defatted soybeans then proceed through an alcohol/water mixture for molasses extraction. Once soybean fats and sugars have been extracted, the remaining material is sent to produce flour as a food additive. Products are stored in fixed roof tanks before shipment.

Staff Interview: When asked about VOC emissions from the dryer, Mr. Anderlik noted that no stack test had been performed to determine VOC emissions from the unit. When asked how DuPont accounts for its emissions, Mr. Anderlik stated that a facility-wide inventory balance is performed. Mr. Anderlik, upon inquiry, mentioned that the facility operated its own waste water treatment plant consisting of 2 aerated ponds and a clarifier.

TOUR INFORMATION

EPA toured the facility: Yes

Photos and/or Videos: were not taken during the inspection.

Field Measurements: were not taken during this inspection.

RECORDS REVIEW

1. Plant Map

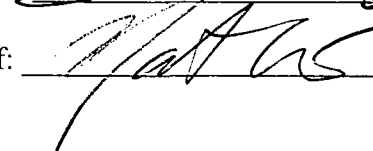
CLOSING CONFERENCE

SIGNATURES

Report Author:

 Date: 03/30/18

Section Chief:

 Date: 4/10/18

Facility Name: DuPont Nutrition & Health

Facility Location: 124 South Route 47, Gibson City, Illinois

Date of Inspection: March 26, 2018

APPENDICES AND ATTACHMENTS

1. Plant Map